Index of Claims



Application/Control No.

10/596,605 Examiner

Vincent T. Tran

Applicant(s)/Patent under Reexamination

BLACQUIERE ET AL.

Art Unit

2115

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Claim    |          | Date         |     |          |              |          |          |  |          | Claim Date |   |       |          |               |   |          | _        |              |          |  |   |
|----------|----------|--------------|-----|----------|--------------|----------|----------|--|----------|------------|---|-------|----------|---------------|---|----------|----------|--------------|----------|--|---|
|          |          | <del> </del> | Г   | Г        |              | 1        | <u> </u> | Г  | Γ        |            |   | 016   |          | I             |   | _        |          |              | Ť        | Т  | Т |
| Final    | Original | 6/1/07       |     |          |              |          |          |  |          |            |   | Final | Original |               |   |          |          |              |          |  |   |
|          | 1        | 1            |     |          |              |          |          |  | Г        |            |   |       | 51       |               |   |          |          |              |          | $\vdash$   | T |
|          | 2        | 1            |     |          |              |          |          |  |          |            |   |       | 52       |               |   |          |          |              |          | Г  | T |
|          | 3        | V            |     |          |              |          |          |  |          |            |   |       | 53       |               |   |          |          |              |          |  | Γ |
|          | 4        | 0            |     |          |              |          |          |  |          |            |   |       | 54       |               |   |          |          |              |          |  | Ι |
|          | 5        | 0            |     |          |              |          |          |  |          |            |   |       | 55       |               |   |          |          |              |          |  | I |
|          | 6        | 0            |     |          |              |          |          |  |          |            |   |       | 56       |               |   |          |          |              |          |  | L |
|          | 7        | 0            |     |          | _            |          |          |  |          |            |   |       | 57       |               |   |          |          | <u> </u>     | <u> </u> |  | L |
|          | 8        | 1            |     |          | <u> </u>     |          |          | 匚  |          |            |   |       | 58       |               |   |          |          |              |          | L  | L |
|          | 9        | 1            |     |          | <u> </u>     |          |          |  |          | Ш          |   |       | 59       |               |   |          |          | L.           |          | <u> </u>   | L |
|          | 10       | 1            |     |          |              |          |          | <u> </u>   |          |            |   |       | 60       |               |   |          |          |              | _        | _  | Ļ |
| <u> </u> | 11       | Ц.           |     | L        |              |          | _        |  |          |            |   |       | 61       | _             |   | _        |          | _            | _        | lacksquare                                       | L |
| <u> </u> | 12       | <u> </u>     |     | _        | ļ            |          | _        | _  |          | Ш          |   |       | 62       | _             |   |          | L        | _            | _        | L.   | ļ |
| ļ        | 13       | <u> </u>     |     | ļ.,      | ļ            |          | ļ        | ļ  |          | Ш          |   |       | 63       | _             |   |          | _        | <u> </u>     | <u> </u> | <u> </u>   | Ļ |
|          | 14       | <u> </u>     |     | _        | <u> </u>     | _        | _        | <u> </u>   |          |            |   |       | 64       |               |   |          | L        |              | <u> </u> | <u> </u>   | Ļ |
| <u> </u> | 15       | <u> </u>     |     | _        | ļ            |          | _        | _  |          | Ш          |   |       | 65       | _             | _ |          | _        | <u> </u>     | <u> </u> | ⊢  | ╀ |
| -        | 16       | <u> </u>     |     | -        | <u> </u>     | -        | L        | <u> </u>   | _        | $\vdash$   |   |       | 66       | -             | _ | _        | _        | <u> </u>     | _        | <u> </u>   | ł |
| -        | 17       | <u> </u> -   |     | <u> </u> | -            | _        | _        | _  | _        | -          |   |       | 67       |               |   | _        | _        | <u> </u>     | <u> </u> | ├  | ╀ |
|          | 18       |              |     | <u> </u> | ├            | _        | <u> </u> | <u> </u>   |          | _          |   |       | 68       |               |   | _        | _        | ⊢            | _        | ⊢  | ╀ |
|          | 19       |              | _   | -        | ├            | _        | _        | -  | _        | -          |   |       | 69       |               |   | _        | <u> </u> | <del> </del> | ├        | ⊢  | ╀ |
|          | 20       | <u> </u>     | _   | ┝        | <u> </u>     |          | <u> </u> | _  | ļ        | _          |   |       | 70       |               |   |          | <u> </u> | <u> </u>     | <u> </u> | ⊢  | ł |
|          | 21       | <u> </u>     |     | <u> </u> | <u> </u>     | _        | <u> </u> | -  | _        | Н          |   |       | 71       |               |   | _        | <u> </u> | _            | -        | ├  | ╀ |
|          | 22<br>23 | <del> </del> | _   | $\vdash$ | ┝            | -        | -        | ├-   |          | _          |   |       | 72<br>73 |               |   | _        | <u> </u> | <u> </u>     | -        | ├  | ╀ |
|          | 24       | -            |     | -        | <u> </u>     |          | -        | -  |          |            |   |       | 74       |               | _ | _        | _        | <del> </del> | ├—       | ├  | ╀ |
| -        | 25       | ⊢            |     | -        | ┝            |          | $\vdash$ | $\vdash$   | _        | Н          |   |       | 75       |               | - | <u> </u> | -        | $\vdash$     | -        | ├  | ╀ |
|          | 26       | $\vdash$     | -   | $\vdash$ | <del> </del> |          | $\vdash$ | $\vdash$   |          | Н          |   |       | 76       |               |   | -        |          |              |          | ┢─   | t |
|          | 27       | ┝            |     |          |              | _        |          | -  |          | H          |   | -     | 77       |               |   | -        | -        | <del> </del> | ┢        | ┢─   | t |
|          | 28       | -            | -   | -        | <u> </u>     |          |          |  |          |            |   |       | 78       |               |   | -        | -        |              | ┢        | ┢  | t |
|          | 29       |              | _   |          | $\vdash$     | $\vdash$ |          | <del>                                     </del> |          | Н          |   |       | 79       |               |   |          |          | _            | $\vdash$ | ┢  | t |
|          | 30       |              |     |          | -            | -        |          | -  | _        | Н          |   |       | 80       | _             |   | _        | _        | _            |          | ╁  | t |
|          | 31       | -            | _   | _        |              | $\vdash$ | _        |  | _        | $\vdash$   |   |       | 81       |               |   |          | $\vdash$ |              | $\vdash$ | ╁  | t |
|          | 32       | _            |     |          |              |          |          |  |          | Н          | : |       | 82       |               | _ |          | $\vdash$ |              |          |  | t |
|          | 33       | _            |     |          |              |          |          | T  |          |            |   |       | 83       |               |   |          |          |              |          |  | t |
|          | 34       |              |     |          | Г            |          |          |  |          | П          |   |       | 84       |               |   |          |          |              |          |  | t |
|          | 35       |              |     |          |              |          |          |  |          |            |   |       | 85       |               |   |          |          |              |          |  | T |
|          | 36       |              |     |          |              |          |          |  |          |            |   |       | 86       |               |   |          |          |              |          | -  | Γ |
|          | 37       |              |     |          |              |          |          |  |          |            |   |       | 87       |               |   |          |          |              |          |  | Γ |
|          | 38       |              |     |          |              |          |          |  |          |            |   |       | 88       |               |   |          |          |              |          |  | Γ |
|          | 39       |              |     |          |              |          |          |  |          |            |   |       | 89       |               |   |          |          |              |          |  | ſ |
|          | 40       |              |     |          |              |          |          |  |          |            |   |       | 90       |               |   |          |          |              |          |  | Ĺ |
| L        | 41       |              | آسا |          |              |          |          | L  |          | Ш          |   |       | 91       |               |   |          |          |              |          |  | Ĺ |
|          | 42       | _            |     | L        |              |          |          | _  |          | Ш          |   |       | 92       | $\perp$       |   |          |          |              |          |  | Ĺ |
| <u></u>  | 43       | _            |     | L.       |              |          |          | _  |          | Ш          |   |       | 93       |               |   |          | _        |              | ļ        | _  | L |
|          | 44       | L_           |     |          | L            | _        | L_       | <u> </u>   | <u> </u> | Ш          |   |       | 94       | _             | _ |          | L        | L_           |          | <u> </u>   | L |
| <b></b>  | 45       | <u> </u>     |     | Щ        | <u> </u>     | igspace  | <u> </u> |  |          |            |   |       | 95       | $\Box$        |   |          | L_       | L_           |          | <u> </u>   | Ļ |
| <u> </u> | 46       | <u> </u>     |     | <u> </u> | <u> </u>     | <u> </u> |          | <u> </u>   | <u> </u> | Ш          |   |       | 96       |               | _ |          | L        | L            | <u> </u> | <u> </u>   | Ļ |
| $\vdash$ | 47       | <u> </u>     |     | <u> </u> | <u> </u>     | <u> </u> | Ш        | <u> </u>   |          | $\vdash$   |   |       | 97       |               | _ | _        | <u> </u> | <u> </u>     | <u> </u> |  | L |
|          | 48       | <u> </u>     |     | <u> </u> | <u> </u>     |          | ļ        |  | _        | Н          |   |       | 98       | _             | _ |          | <u> </u> | <u> </u>     | <u> </u> | <del>                                     </del> | + |
| $\vdash$ | 49       | $\vdash$     |     | H        | <u> </u>     | -        | -        |  |          | Н          |   |       | 99       | _             |   |          | _        | <u> </u>     |          | <u> </u>   | 1 |
| Ш.       | 50       | L_           | Щ.  | L        |              |          |          | L  | L        | Ш          |   |       | 100      | $\perp \perp$ |   |          | oxdot    | Щ            |          | <u> </u>   | L |

| Cla   | Claim    |  |     | Date   |          |          |          |          |          |          |  |  |  |  |
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| Final | Original |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 51       |  | -   | _  | ┢        |          | ┢        | H        |          | -        |  |  |  |  |
|       | 52       |  |     | Г  |          |          | Г        |          |          |          |  |  |  |  |
|       | 53       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 54       |  |     | $\vdash$   | $\vdash$ | _        | $\vdash$ | i –      | _        |          |  |  |  |  |
|       | 55       | Г  |     | _  | ┢        | $\vdash$ | <u> </u> | $\vdash$ |          | <u> </u> |  |  |  |  |
|       | 56       | $\vdash$   |     | $\vdash$   |          |          |          | 1        | -        |          |  |  |  |  |
|       | 57       | $\vdash$   |     |  | _        | $\vdash$ | $\vdash$ |          |          |          |  |  |  |  |
|       | 58       | _  | П   |  |          |          |          |          |          |          |  |  |  |  |
|       | 59       | $\vdash$   |     | Г  | $\vdash$ |          | -        |          | 1        |          |  |  |  |  |
|       | 60       |  |     | 一  |          |          |          | -        |          |          |  |  |  |  |
|       | 61       |  |     | _  | -        |          |          |          | $\vdash$ |          |  |  |  |  |
|       | 62       | Г  | Г   |  | _        |          | Н        |          | <u> </u> | <u> </u> |  |  |  |  |
|       | 63       | <del>                                     </del> | Г   | <del>                                     </del> | Ι        |          |          | <u> </u> | T        | _        |  |  |  |  |
|       | 64       | $\Box$   | Г   |  | Г        | $\Box$   | _        | <u> </u> | l        | Т        |  |  |  |  |
|       | 65       | <u> </u>   | Г   |  |          | <b></b>  | _        | $\vdash$ | Г        |          |  |  |  |  |
|       | 66       | _  | Г   |  | $\vdash$ | $\vdash$ | -        | Т        |          |          |  |  |  |  |
|       | 66<br>67 |  |     |  |          | Г        |          |          |          | Ι.       |  |  |  |  |
|       | 68       | $\vdash$   | Г   | Г  |          |          | $\vdash$ | $\vdash$ |          |          |  |  |  |  |
|       | 69       | $\vdash$   | -   | <u> </u>   | _        | Г        | Н        |          | Г        |          |  |  |  |  |
|       | 70       | $\vdash$   |     |  |          | <b></b>  | _        |          |          |          |  |  |  |  |
|       | 71       |  | l - | <b>-</b>   | -        |          | _        | $\vdash$ |          |          |  |  |  |  |
|       | 72       | $\vdash$   |     | $\vdash$   | $\vdash$ |          |          | _        | _        | _        |  |  |  |  |
|       | 72<br>73 | $\vdash$   |     | _  | $\vdash$ | $\vdash$ | _        | _        | _        |          |  |  |  |  |
|       | 74       |  | Г   |  | -        |          | _        | _        |          |          |  |  |  |  |
|       | 75       |  |     | $\vdash$   | ·        |          |          |          |          | _        |  |  |  |  |
|       | 76       |  |     |  | · · ·    |          |          | _        | $\vdash$ |          |  |  |  |  |
|       | 77       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 77<br>78 | · · · · ·  | -   |  |          |          | Г        |          | $\vdash$ |          |  |  |  |  |
|       | 79       |  |     |  | _        |          |          | _        |          | _        |  |  |  |  |
|       | 80       | _  |     | _  |          |          |          |          |          |          |  |  |  |  |
|       | 81       | ┌┈   |     |  |          |          | Г        | $\vdash$ | Г        |          |  |  |  |  |
|       | 82       |  |     |  | Г        |          |          |          | <u> </u> | Ι-       |  |  |  |  |
|       | 83       | <u> </u>   |     | Г  | $\Box$   |          |          |          |          | Г        |  |  |  |  |
|       | 84       |  |     |  |          | l        |          |          |          | $\vdash$ |  |  |  |  |
|       | 85       | Г  |     |  |          |          |          |          | <u> </u> |          |  |  |  |  |
|       | 86       |  |     |  |          |          |          |          | <u> </u> |          |  |  |  |  |
|       | 87       |  |     |  |          |          |          |          | $\vdash$ | Г        |  |  |  |  |
|       | 88       |  |     |  |          | Г        |          |          |          | Γ        |  |  |  |  |
|       | 89       |  |     |  |          |          |          |          | Г        | Г        |  |  |  |  |
|       | 90       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 91       |  |     |  |          |          |          |          | Г        | Г        |  |  |  |  |
|       | 92       |  |     |  |          | _        |          |          | $\Box$   | Г        |  |  |  |  |
|       | 93       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 94       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 95       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 96       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 97       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 98       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 99       |  |     |  |          |          |          |          |          |          |  |  |  |  |
|       | 100      |  |     | Г  |          |          |          |          |          |          |  |  |  |  |

| Claim   |   | Date |  |               |          |              |   |          |          |                 |  |  |
|---------|---|------|--|---------------|----------|--------------|---|----------|----------|-----------------|--|--|
|         |   |      |  | Γ.            |          |              | Ī   |          |          | П               |  |  |
| Final   | Original  |      |  |               |          |              |   |          |          |                 |  |  |
|         | 101<br>102<br>103   |      |  |               |          |              |   |          |          |                 |  |  |
|         | 102   |      |  |               | L        |              |   |          |          |                 |  |  |
|         | 103   |      |  |               | <u> </u> | L            | $ldsymbol{le}}}}}}$ |          |          |                 |  |  |
|         | 104   |      |  |               | <u> </u> | _            | <u> </u>  |          | _        |                 |  |  |
|         | 104<br>105<br>106   |      | L  |               |          | <u> </u>     | <u> </u>  | <b>.</b> |          |                 |  |  |
|         | 106   |      | _  |               | <u> </u> | <del> </del> |   |          |          | Н               |  |  |
|         | 107<br>108  |      | _  | $\vdash$      | $\vdash$ | ┝            |   |          |          | $\vdash$        |  |  |
| -       | 100   |      |  |               |          |              |   | -        | -        | H               |  |  |
|         | 110   | _    | _  |               | _        | _            | ┢   | $\vdash$ |          | $\vdash$        |  |  |
|         | 111   |      | _  | -             |          |              | $\vdash$  |          |          |                 |  |  |
|         | 112   |      |  | $\overline{}$ |          | Г            | Г   |          |          |                 |  |  |
|         | 113   |      |  |               |          |              |   |          |          |                 |  |  |
|         | 114   |      |  | L             |          |              |   | $\Box$   |          |                 |  |  |
|         | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125 |      | L  | <u> </u>      |          | <u> </u>     | _   | _        | L        | Ш               |  |  |
|         | 116   |      |  | _             |          | _            | <u> </u>  | <u> </u> | ļ        | Ш               |  |  |
|         | 11/   |      |  |               | $\vdash$ | _            | <u> </u>  | <u> </u> |          | $\vdash \vdash$ |  |  |
|         | 110   |      | <u> </u>                                     | ļ             | -        | ┝            | -   |          | -        | Н               |  |  |
|         | 120   |      | -  |               | <u> </u> | ┢┈           | -   |          |          | H               |  |  |
|         | 121   |      | $\vdash$                                     |               | $\vdash$ | $\vdash$     | $\vdash$  | -        |          | Н               |  |  |
|         | 122   | _    | $\vdash$                                     |               | $\vdash$ | $\vdash$     | $\vdash$  | $\vdash$ |          | $\vdash$        |  |  |
|         | 123   | _    |  |               |          |              | $\vdash$  | $\vdash$ |          | П               |  |  |
|         | 124   |      |  |               |          |              |   |          |          |                 |  |  |
|         | 125   |      |  |               |          |              |   |          |          |                 |  |  |
|         | 126<br>127<br>128   |      |  |               |          | L            | L   |          | <u> </u> | Ш               |  |  |
|         | 127   |      | _  | _             |          | L            | <u> </u>  | <u> </u> | ļ        |                 |  |  |
|         | 128   |      |  | -             |          | <u> </u>     |   |          | $\vdash$ | $\dashv$        |  |  |
|         | 129<br>130<br>131   |      |  | ┝             |          | $\vdash$     | _   |          |          | $\dashv$        |  |  |
|         | 131   |      |  | -             |          | H            | -   |          | H        | $\dashv$        |  |  |
|         | 132   |      | $\vdash$                                     | $\vdash$      |          | Н            | $\vdash$  |          | Н        | $\dashv$        |  |  |
|         | 132<br>133  |      |  | $\vdash$      |          |              |   | <u> </u> |          |                 |  |  |
|         | 134<br>135  |      |  |               |          |              |   |          |          |                 |  |  |
|         | 135   |      |  |               |          |              |   |          |          |                 |  |  |
|         | 136   |      |  |               | _        |              |   |          |          | Ш               |  |  |
|         | 137<br>138<br>139   |      |  | <u> </u>      | _        |              |   | ļ        |          |                 |  |  |
|         | 138   |      |  | <u> </u>      | _        |              | -   |          |          | Н               |  |  |
|         | 140   |      |  | <del> </del>  |          |              |   | -        |          | $\vdash \vdash$ |  |  |
|         | 141   |      | <u> </u>                                     | $\vdash$      | $\vdash$ | $\vdash$     | <del></del>   | H        | $\vdash$ | $\vdash \dashv$ |  |  |
|         | 142   |      |  | -             | -        | -            | Н   | -        |          | $\vdash \vdash$ |  |  |
|         | 143   | _    |  | Т             | Т        | П            | П   |          |          | $\dashv$        |  |  |
|         | 144   |      |  |               |          | _            |   |          |          | $\Box$          |  |  |
|         | 145   |      |  |               |          |              |   |          |          |                 |  |  |
|         | 146   |      |  | L_            |          |              |   |          |          |                 |  |  |
|         | 147.  |      |  | <u> </u>      |          |              | L_  | _        | <u> </u> | Ш               |  |  |
|         | 148   |      | <u>.                                    </u> | ļ             |          |              | <u> </u>  | $\vdash$ | $\vdash$ | $\square$       |  |  |
|         | 149   |      | -  | ļ             |          | <b></b>      | ļ   | <u> </u> | <u> </u> | Н               |  |  |
| لـــــا | 150   |      | L  | L             | ш        |              |   | L        | نـــا    | لـــا           |  |  |